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This is the forty seventh edition of the Periodic Electronic Newsletter (PEN) for MCI Mail users assigned to Oppenheimer Software (MCI Mail agency NY4). You may respond to the PEN by typing ANSWER at the COMMAND; line that appears after you read this. This mailbox (218-0241) is toll free - you may write to it as often as you wish, at no charge! (Please note that you may order a toll-free mail box - contact Oppenheimer Software for more information.)

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1-800-I-WANT-MCI
>>>>>>>>>>>>>>>>

A new toll free *FAX* number is available for anyone wanting to set up accounts on MCI Mail:

1-800-I-WANT-MCI (1-212-787-2416 outside the USA)

The fax should include the name, address, phone and fax numbers of the requester. Typically, the account will be activated the following business morning. To help the new subscriber, a four page fax will be returned with the account information and basic starting instructions.

You can also use the NEWUSER script described below. However, this toll-free fax number can be used by anyone with access to a fax machine.

>>>>>>>>>>>>>>>>>>>>
NEED ANOTHER MAILBOX?
>>>>>>>>>>>>>>>>>>>>

The NEWUSER script has been used by hundreds of people to set their friends, associates and clients up on MCI Mail, add new mailboxes to existing accounts, or to request information on behalf of a colleague.

If you have a friend across town, or in another country who wants to benefit from electronic mail, or if you know of someone who tediously sends faxes out from a fax machine and is looking for a better way, or someone who sends letters and memos by overnight courier and would like to save some money, you can help them by introducing them to MCI Mail.

To use this feature, at the Command; prompt, type:

CREATE USING NEWUSER {ENTER}

Answer all questions, and follow the instructions at the end of the SCRIPT. You will be notified when the new mailbox/account is active.

Note. . . If you access MCI Mail via MCI Mail Express, or a LAN gateway, you may send the name, address and phone and fax number of the referral to mailbox 218-0241, or you may fax this information to 212-787-2416. We will contact them immediately and arrange for the account or mailbox.

Additionally, the *FAX* number 1-800-I-WANT-MCI is available for anyone looking to request information or establish an account for themselves.

>>>>>>>
EDI*Net
>>>>>>>

MCI now offers EDI*Net, the premier Electronic Data Interchange (EDI) communications service.

EDT*NET offers you the capability to conduct electronic commerce with your trading partners. A trading partner is any company that you do business with. (For example, a company that sends a purchase order and the company that receives it are each others' trading partners.)

EDI*Net provides a low cost, reliable store-and-forward service for the exchange of business documents between trading partners with speed and accuracy. These may include purchase orders, confirmations, credit advices, lease schedules, court conviction records, or any of over 640 EDI transactions recognized by the ANSI X.12 standard.

EDI*Net, while designed to improve communications between two companies with computers, can also be used with those trading partners who only have fax machines.

EDI*Net is designed for the company that does a large volume of "transactions" with a number of trading partners. For example, an insurance company who currently uses cumbersome multipart paper forms to exchange health records with hospitals, would benefit from the speed, accuracy, and cost savings derived from installing EDI*Net. Transactions would be completed in minutes, as opposed to the more conventional hours or days, and there would be no risk of a breech of confidence, something that is very important when dealing with patient records.

Traditionally, one of the problems faced by any company looking to utilize EDI has been getting their trading partners to become actively involved in using it. To help eliminate this problem, MCI offers a program designed to help speed the rollout by working directly with the trading partners, along with a special customer support group dedicated to supporting EDI customers.

Software required for EDI transaction processing is available from over 75 companies for a number of hardware and software platforms. As a result, your company, which might be using PCs on a LAN would be able to exchange EDI transactions with a customer using mainframes. The list of software providers is available on request.

Access to EDI*Net is available via X/25 service, SNA, Bisynch or Asynch access, both dial up and leased line, at speeds up to 56KB.

EDI*Net offers

-Proactive Monitoring - looking for problems before you become aware of them

-Online Status Checking

-Multiple levels of security, including a hot-backup for full disaster recovery

-Envelope translation of ANSI standards
-EDI to Fax conversion capabilities

To determine if EDI is right for you, examine your current mode of doing business. If you are finding

.people re-keying data that originated with a computer in the first place

.time and effort spent on order confirmations and corrections is larger than you would

like

.you are spending more and more to store the
accumulation of paper from order
processing

.hours are spent researching old problems in
dusty files

.the larger part of your business consists of
selling a product or service to a large
number of customers

then EDI*NET may well be the business tool you have been waiting for.

If you are interested in learning more about MCIs EDI*NET, please send a
toll free message to MCI ID:218-0241.

>>>>>>>>>>>>>>
EDI - a Primer
>>>>>>>>>>>>>>

Electronic Data Interchange (EDI) can best be described as the exchange
of information between computer systems, with the information layout
conforming to a standard that can be understood by the computer.
Typically, EDI information passes from computer to computer without any
human involvement.

What exactly is EDI?

Imagine if you were to send a message to a local food supplier:

"Please send me 2 cartons of oranges, the type that have no
seeds and are packaged 50 to a carton.  I need these by next
weekend.  Please send them to my summer home in the
mountains".

If you were sending this to another person, they would be no problem
understanding it.  However, if this person were out to lunch, or on
vacation, or buried under a pile of work, then your request might not be
acted upon for hours or days, possibly resulting in a shipment that
might arrive after the weekend.  Once they actually started working on
your order, they would have to key it into their computer system....
possibly resulting in errors due to typos. Furthermore, if they only
have one carton of oranges on-hand, they might not be able to get back
to you in time for you to order the other carton from someone else.
Either way, you face a reasonable chance of partial or late shipments.

Aware of these possible risks, you decide that you need to order your
oranges weeks in advance, and in a larger quantity than you really
need.... just to cover all bases.  The oranges may arrive early, and due
to the larger about ordered, more oranges spoil, and your costs
increase.

Now, lets imagine that your computer had a program in it that could
create and send this message to the suppliers computer:

```
LSA*00*0000000000*01*XXX*01*123456789.....
GS*IN*012345678*087654321*900509*2210*.....
ST*810*0001
BIG*900713*1001*900625*P989320
N1*ST*John Smith
N3*123 Main St.
N4*Anytown*NY*12345
IT1**2*CT*25.00**VC*SORANGE
etc......
```

For us, this is not exactly the Great American Novel, but to a computer with EDI software, its lite reading.

Buried in this partial message is the request for the oranges.

Lets further imagine that the other computer had access to the available inventory of seedless oranges and was programmed to respond to your request with either an acknowledgement of shipment, or a warning about a delay, and lets imagine that the response to your request came within a short time of your initial request.

This is what EDI is all about....replacing costly, slow, error prone paper or verbal transactions with inexpensive fast, and reliable electronic transactions.

EDI has been in use since the 1960s, particularly in the transportation industry. It has moved into other industries, including the grocery, warehouse, and retail industries. The reason for its early slow growth was both that many smaller companies did not have easy access to computers (now a diminishing problem as the price of PCs and software falls) and that many people simply like to have a piece of paper in their hand. However, the automotive industry has estimated that the paper work processing (bills, orders, and information requests) waste about $2 billion per year, and adds $200 to the cost of a car.

EDI eliminates the need for the paper flow. It further allows companies to take advantage of "just in time" (JIT) ordering, resulting in reduced safety stock, lower carrying costs and reduced capital costs.

Just because a farmer accidently digs up a communications line does not mean that you have to dig up your old order forms. EDI*NET operates in

a mirrored, fault tolerant environment utilizing two processing facilities at two separate sites. The farmer just might take one location offline, but the second site will continue processing your transactions without skipping a beat.

Implementing EDI with your trading partners not only improves your business, cuts your costs, and improves your competitive standings, leaves a few more trees standing, and may even leave you with enough spare time to finally read The Great American Novel.

>>>>>>>>>>>>>>
MCI MailDirect

>>>>>>>>>>>>>

MCI MailDirect is MCIs highly flexible, high volume, postal mailing service. It offers both regular First Class and expedited (courier) delivery options.

With MailDirect, you have the unique capability of using your own letterhead and envelope, and of including variable text inserts (mail merge), multiple letterhead and signature graphics, or forms as part of the body of the text. In addition, MailDirect allows you to design the look of your letter by using a variety of print options, page perforations and graphics, as well as giving you the option to include multiple stuffers.

The letter creation process is simplified for you because all data (text, name and address file) can be submitted either via dial-up transmission, on magnetic media, or in an MCI Mail message. Once MailDirect receives a sample of your letter (including graphics, print types, etc.) and the variable data, the information provided is used to create each customized document or personalized letter. Most importantly, you have the opportunity to be involved in the process to insure satisfaction with the final product.

MailDirect provides a service every business needs on a regular basis because it offers a method for regularly communicating with a company's customers, vendors, and contacts. Many day to day business communication needs can be solved by MailDirect.

The list that follows attempts to demonstrate some of the many ways customers use MailDirect. Certainly, this list is not inclusive of all the various custom mail applications your company may have, but it is provided to assist you in identifying those business functions for which MailDirect may be your solution.

| If you need... | use MailDirect... |
|---|---|
| ..to facilitate cash flow, collection or renewal notices, rate changes, and claim forms. | ...to send statements, invoices, |
| ..to send an urgent get same day processing, sales promotions, to inform customers of a product recall, or to send lab reports. | ...to distribute sales message, or leads, to send loan approval notices, to announce product or |
| ..to comply with business or industry regulations, debenture, redemption, or margin call notices. | ...to provide account activity notices, send industry regulations, |
| ..to give a personalized look, membership drives, to inform constituents of political action issues and legislative actions, or to send pledge confirmation letters. | ...to promote your fundraising or |

..to process forms, ...for preparing documents, medical and insurance claims forms, and reports.

..to include custom components with your letter, ...to send customer announcements, executive messages, surveys and proxies, telemarketing followup information, and fulfillment notices.

..to out-source or consolidate its volume mailing operations, ...for professional quality volume mailings which contain addressee specific variable data, stuffers, and graphics. In addition, MailDirect is fully compliant with US Postal Standards.

MailDirect has a per job minimum of 500 mail units. Prices can be as low as $.46 per letter. Enclosures, business reply envelopes, perforations, legal size paper and a number of other features are available to meed special applications.

If you would like more information about MCI Mail Direct, please send a message to MCI ID: 218-0241.

>>>>>>>>>>>>>>
INVOICE UPDATE
>>>>>>>>>>>>>>

Paying bills is never fun. However, MCI has now made reading the bill easier. The layout on the page has been changed, the information has been reorganized, and it now is folded to fit into a standard business envelope.

The results?
- Its easier to read;
- It fits better into a binder, for record-keeping;
- Less paper helps keep more trees standing.

To further meet your needs, your invoice can now be customized as follows:

.You may now specify if you would like to receive a Statement of your Account with your monthly invoice.

.You may now receive multiple copies (up to 9) of your invoice

.Your invoice may now indicate charges by either product by transaction, or product only

.The invoices recap page can either show the Project ID

by User ID, the User ID by Project ID, or you may elect to not have the recap page altogether.

.You may elect to have message detail if you like, and this may include any or all of the following: E-Mail, Fax Dispatch, Telex Dispatch or Dow Jones.

.Of course, if you prefer the existing format, you can have that too.

If you would like to make any changes in your invoice, please send a message to MCI ID:234-9875 detailing the changes you would like. These requests must be received by the 25th of the month to effect the next invoice.

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FREE REGISTRATION FOR PC EXPO VIA MCI MAIL
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

PC EXPO, scheduled for June 28 through June 30, 1994 at the Jacob K. Javits Convention Center in New York City is the premier international computer show for corporate volume buyers and trade resellers. With more than 800 exhibitors and a show floor spanning three levels of the Javits Center, PC EXPO will encompass the latest computer hardware and software products, including a special fax messaging and mobile computing pavilion, a Windows pavilion, showcasing graphical user interface (GUI) applications as well as other products, such as portable and pen-based computing, multimedia and connectivity.

PC EXPO will also offer nine in-depth tutorials covering the most current computer hardware, software, networking, and management trends, along with interactive technology demonstrations. PC EXPO in New York has been designated a Foreign Buyer Program Event by the U.S. Department of Commerce and will be actively promoted by 225 U.S. Embassies around the world.

You may register on MCI Mail to receive a complimentary exhibits-only, keynote and special programs pass.

Log into your MCI Mail account interactively (if you use MCI Mail Express, press {CTRL}J). At the Command; prompt, type:

CREATE USING PC EXPO NY94

Fill in the information requested by the script. Your registration information will automatically be sent to PC EXPO. Your pass will be waiting for you at the show at the "Will Call" booth.

>>>>>>>>>>>>>>>>>>>>>>>>>
FAX BROADCAST ENHANCEMENT
>>>>>>>>>>>>>>>>>>>>>>>>>

Fax Broadcast is MCIs high volume faxing service. A fax can be sent to one person, or to thousands with only a minute of your time at your fax machine.

Fax Broadcast has been so popular that the following enhancements have been added to meet its ever growing popularity:

.Broadcast 10000 - You may now send faxes to as many as 10 separate lists of 1000 names each.

.Retry Limit - You may now limit the actual number of delivery attempts (up to 28), as well as the time allowed for the delivery.

.Page Count Verification - You may now enter the number of pages in your fax at the time that you transmit it to MCI. MCI will confirm that the number of pages received matches the number specified, and will generate an error notice if they do not match.

.Expanded Acknowledgement Notice - The notice has been expanded to include the following information: the number of recipients for the given broadcast; the broadcast start and cancel times; the optional commands available to the subscriber, as well as which features were selected/activated during message submission

>>>>>>>>>>>>>
Editors Note:
>>>>>>>>>>>>>
Normally, the PEN Newsletter would carry the complete detail of all of these enhancements. However, due to the detailed nature of the list, we are making it available on a request-only basis. If you are a current MCI Fax Broadcast user and would like to receive details on the new enhancements, please send a toll free message to MCI ID: 218-0241 and we'll e-mail it to you.

If you do not yet use MCI Fax Broadcast, but would like to learn more about it, or would like to start using it, please send a message to MCI ID:218-0241, and include your name, telephone and fax numbers.

>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
NEW RELEASE OF M-BRIDGE FOR MS-MAIL
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

M-Bridge for Microsoft Mail, a new e-mail gateway from Computer Mail Services, Inc., connects users of Microsoft Mail with MCI Mail. It is an "upgrade" to the existing Microsoft Mail gateway. (Microsoft has discontinued the existing gateway product and refers all customers to CMS for M-Bridge for Microsoft Mail.)

M-Bridge is installed on a gateway PC that runs the Microsoft Mail router for the LAN. When messages are posted, the Microsoft Mail Router places those addressed to recipients via MCI into a special outbound queue. At predetermined intervals, M-Bridge connects with MCI, sends

all outgoing messages and retrieves all inbound messages. After disconnecting, M-Bridge distributes the mail via the M-Bridge activity log.

For existing users of the now-discontinued Microsoft gateway the new CMS gateway will provide features not supported in their product. Some of these new features are:

-addressing templates for various delivery methods from MCI to simplify address entry for MCI subscriber, REMS, Fax, Telex and Paper

-special provisions to allow users to create psuedo-addresses that specify handling information such as chargeback codes, signatures, logos, FAX options, etc.

-flexible chargeback code alternatives

-properly deals with X.400 attachments and retains their original name

-eliminates X.PC protocol and allows the highest modem speeds available from MCI, also supports MNP5

A 10-user gateway is $495, while the gateway supporting an unlimited number of users at one post office is $890. Corporate site licenses are available. Users of the existing gateway may upgrade to the new gateway from CMS at a 50% discount from retail price for the next 90 days. For more information, or to order an upgrade, please send a message to MCI ID:218-0241.

>>>>>>>>>
POWERUSER
>>>>>>>>>

Receiving binary files from people on the Internet is easy, but it must be sent using the below described procedure. Please pass these instructions to your Internet correspondents:

Internet users type the ASCII portion, and when ready to append the UUNCode binary portion the must type the following:

//BEGIN BINARY MAIL SEGMENT:

(Binary Info)

//END BINARY MAIL SEGMENT

This information needs to be typed next to the left hand margin of the page/screen in all caps.

>>>>>>>>>>>>>>
TILL NEXT TIME
>>>>>>>>>>>>>>

Gary.......
MCI Mail Agency NY4
MCI ID# 218-0241
Fax: 212-787-2416
Telex: 6502180241
Tel No. 212-724-9785

| | | | | |
|---|---|---|---|---|
| Gary Oppenheimer | Sales Office | 212-724-9785 | MCI ID:218-0241 | |
| Carol Hayes | Customer Support | 301-695-5378 | MCI ID:234-9875 | |
| MCI Mail NY4 | Fax Number | 212-787-2416 | | |
| New account registration fax number | | 800-I-WANT-MCI | | |